

19823351DEs

USPTO 2004-1025

Partial translation as requested by  
the examiner Fozia Hamud, Art Unit 1647  
Case 09/855,313

Translated from the German

FEDERAL REPUBLIC OF GERMANY  
GERMAN PATENT AND TRADEMARK OFFICE

**Offenlegungsschrift**  
**DE 198 23 351 A1**

IPC: A 61 K 38/20

Date of the application: May 13, 1998  
Date the 'offenlegungsschrift' was laid open to public  
inspection: December 10, 1998  
Internal priority: 197 21 867.9 May 16, 1997  
Applicants: Hans Krause et al.  
Inventors: the same as the applicants.

Title in German of the object of the invention:  
**Mittel zur Verhinderung der Zellapoptose bei Krankheiten**

PREPARATION FOR THE PREVENTION OF CELL APOPTOSIS  
DURING DISEASES

The invention pertains to a preparation [agent or drug] for the prevention of the cell apoptosis, which preparation is based on the discovery that the activation of the interleukin-15-receptor protects cells against apoptosis, and which preparation is characterized in that it contains interleukin-15, its derivatives, interleukin-15 fusion proteins or substances, coupled to the interleukin-15 receptor.

## PATENT CLAIMS

1. Preparation for the prevention of the cell apoptosis over the course of diseases, **characterized in that** the preparation contains interleukin-15, its derivatives, interleukin-15 fusion products or substances coupled to the interleukin-15 receptor.

2. Preparation, as claimed in claim 1, characterized in that it contains the fusion protein IL15-IgG2b.

3. Application of the preparation, as claimed in claim 1 or 2, for the prevention of the cell apoptosis.

4. Application, as claimed in claim 3, for the prevention in the case of inflammation of the liver, caused as a result of viruses.

5. Application, as claimed in claim 3, in the case of HIV-infections.

6. Application, as claimed in claim 3, in the case radiation-induced damages.

7. Application, as claimed in claim 3, in the case of neuro-degenerative disorders.

8. Application, as claimed in claim 3, in the case of toxic damages.

USDoC/USPTO/STIC/Translations Branch  
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USPTO Translator (GERMAN & Germanic languages)

December 10, 2003